

**U S Army Corps
of Engineers**
Huntington District

Public Notice

In reply refer to Public Notice No.
200401370

Issuance Date: July 21, 2005

Stream: Un Trib Scioto River

Closing Date: August 21, 2005

Please address all comments and inquiries to:

U.S. Army Corps of Engineers, Huntington District

ATTN: CELRH-OR-F Public Notice No. (*reference above*)

502 Eighth Street

Huntington, West Virginia 25701-2070

Phone: (304) 399-5210

PUBLIC NOTICE: The purpose of this public notice is to inform you of a proposal for work in which you might be interested. It is also to solicit your comments and information to better enable us to make a reasonable decision on factors affecting the public interest. We hope you will participate in this process.

REGULATORY PROGRAM: Since its early history, the U.S. Army Corps of Engineers (Corps) has played an important role in the development of the nation's water resources. Originally, this involved construction of harbor fortifications and coastal defenses. Later duties included the improvement of waterways to provide avenues of commerce. An important part of our mission today is the protection of the nation's waterways through the administration of the Corps Regulatory Program.

SECTION 404: The Corps is directed by Congress under Section 404 of the Clean Water Act (33 USC 1344) to regulate the discharge of dredged and fill material into all waters of the United States, including wetlands. The intent of the law is to protect the nation's waters from the indiscriminate discharge of material capable of causing pollution and to restore and maintain their chemical, physical and biological integrity.

TO WHOM IT MAY CONCERN: The following application has been submitted for a Department of the Army Permit under the provisions of Section 404 of the Clean Water Act. This notice serves as the Corps of Engineers' request to the Ohio Environmental Protection Agency (OEPA) to act on Section 401 Water Quality Certification for the following application:

APPLICANTS: Columbus Zoo and Aquarium
9990 Riverside Drive
Columbus, Ohio 43065

LOCATION: The project is located in unnamed tributaries of the Scioto River at the Columbus Zoo and Aquarium southeast of the Intersection of Powell Road (S.R. 750) and Riverside Drive (S.R. 257) in the Village of Powell, Delaware County, Ohio.

DESCRIPTION OF THE PROPOSED WORK:

The Columbus Zoo & Aquarium are proposing an expansion of their existing parking lot. No impacts to waters of the United States are proposed for the parking lot expansion. However, approximately 120 cubic yards of dredged or fill material would be placed into 90 linear feet of intermittent stream and 100 linear feet of perennial stream to construct an embankment that would contain the 100-year storm event from the upstream watershed, including the parking lot. A flow splitter box in the collection pipe from the parking lot would direct flows up to the level of a 2-year storm event through a bioswale and from there into a 2-year storm detention basin. The bioswale is a shallow vegetated channel designed to remove suspended solids from the "first flush" of storm water from the parking lot by filtering the runoff as it flows through the vegetation. Any residual pollutants trapped along with sediment, such as trace amounts of oil and grease, would break down biologically in the bioswale over time. Storm flows above the level of a 2-year storm event would be diverted to the in-stream detention basin rather than the 2-year basin. Approximately 1,463 linear feet of the perennial stream would be temporarily inundated by these storm events. The in-stream basin would be designed to detain that portion of the post-development storm flows attributable to the parking lot, up to the level of a 100-year event and release them at a rate not greater than a 2-year event.

Plans of the proposed work are attached to this notice.

A section 401 Water Quality Certification is required for this project. It is the applicant's responsibility to obtain the certification from the Ohio Environmental Protection Agency.

MITIGATION PLAN:

A conservation easement along 3,400 linear feet of the streams on site has been proposed. In addition, the applicant is proposing Best Management Practices in the form of restoration bank stabilization thus reducing the amount of erosion within the unnamed perennial stream.

HISTORIC AND CULTURAL RESOURCES: The National Register of Historic Places has been consulted and it has been determined that there no listed properties eligible for the register in the area affected by the project. A copy of this public notice will be furnished to the Ohio State Historic Preservation Office for their review. Comments concerning archeological sensitivity of the project area should be based upon collected data.

ENDANGERED/THREATENED SPECIES REVIEW: The project is located within the known or historic range of the following endangered species:

Indiana bat
Clubshell Mussel
Bald Eagle
Rayed Bean Mussel

To determine if the proposed project would have any affect on threatened or endangered species, the applicant has consulted the United States Fish and Wildlife Service (USFWS). Based on a field investigation conducted on March 4, 2005, the USFWS determined the proposed project may affect, not likely to adversely affect the Indiana bat. The Huntington District has consulted the most recently available information and based on the proposed avoidance and minimization measures, the project may affect, not likely to adversely affect the Rayed Bean Mussel and will have no effect on the Clubshell Mussel or Bald eagle.

This public notice serves as a request to the USFWS additional information they may have on whether any listed or proposed to be listed endangered or threatened species may be present in the area which would be affected by the activity, pursuant to Section 7(c) of the Endangered Species Act of 1972 (as amended).

PUBLIC INTEREST REVIEW AND COMMENT: Any person who has an interest that may be adversely affected by the issuance of a permit may request a public hearing. The request must be submitted in writing to the District Engineer on or before the expiration date of this notice and must clearly set forth the interest which may be adversely affected and the manner in which the interest may be adversely affected by the activity. This application will be reviewed in accordance with 33 CFR 320-331, the Regulatory Program of the U. S. Army Corps of Engineers (USACE), and other pertinent laws, regulations, and executive orders. Our evaluation will also follow the guidelines published by the U. S. Environmental Protection Agency pursuant to Section 404(b) (1) of the CWA. Interested parties are invited to state any objections they may have to the proposed work. The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit that reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors that may be relevant to the proposal will be considered including the cumulative effects thereof; of those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people. Written statements on these factors received in this office on or before the expiration date of this public notice will become a part of the record and will be considered in the final determination. A permit will be granted unless its issuance is found to be contrary to the public interest.

SOLICITATION OF COMMENTS: The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. For accuracy and completeness of the administrative record, all data in support of or in opposition to the proposed work should be submitted in writing setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

CLOSE OF COMMENT PERIOD: All comments pertaining to this Public Notice must reach this office on or before the close of the comment period listed on page one of this Public Notice. If no comments are received by that date, it will be considered that there are no objections. Comments and requests for additional information should be submitted to:

Ms. Lee A. Pittman, Regulatory Project Manager
North Regulatory Permit Section, CELRH-OR-FN
U. S. Army Corps of Engineers Huntington District
502 Eighth Street
Huntington, West Virginia 25701-2070

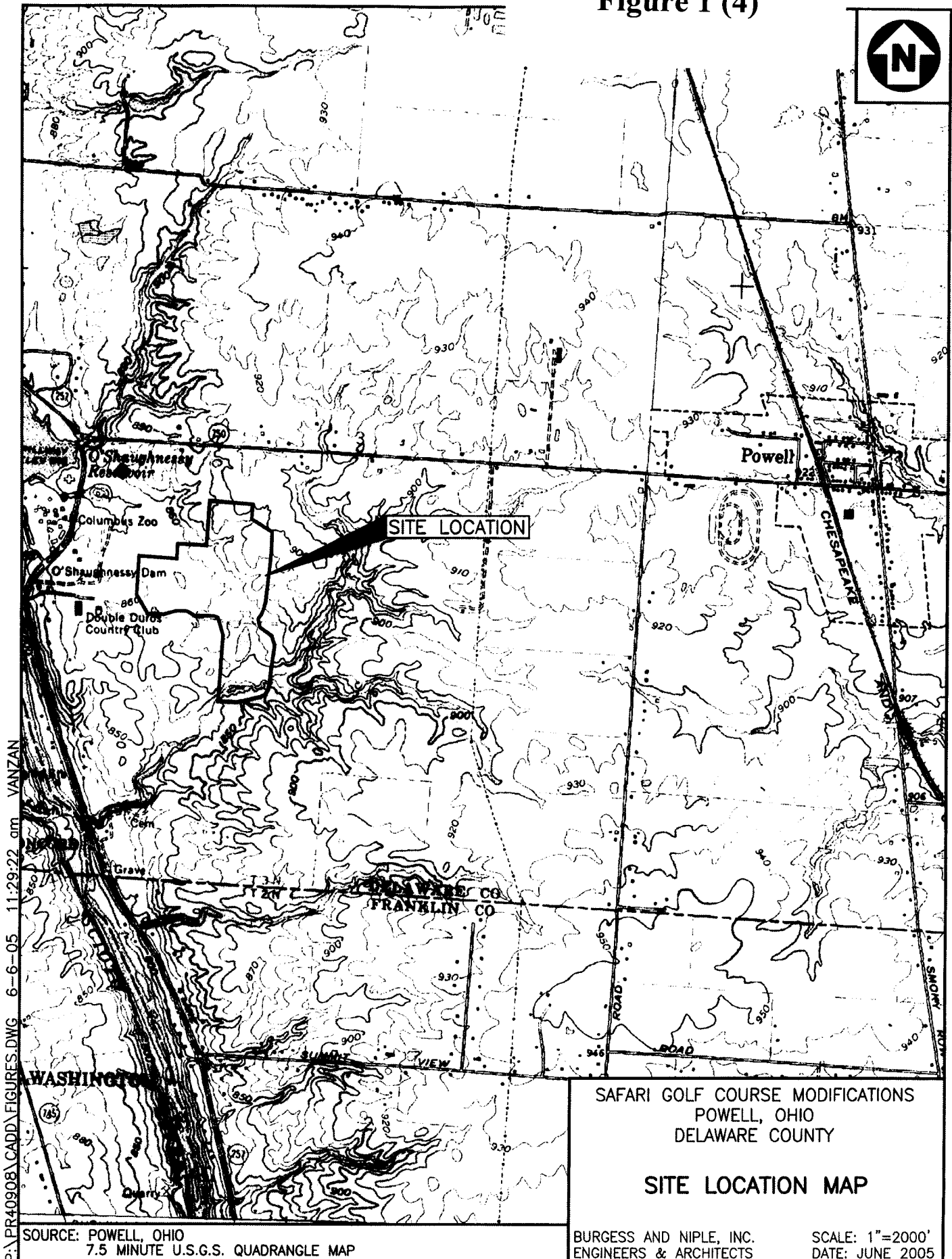
Please note names and addresses of those who submit comments in response to this public notice may be made publicly available. Thank you for your interest in our nation's water resources. If you have any questions concerning this public notice, please contact Ms. Lee A. Pittman of the North Regulatory Section at 304-399-5210.

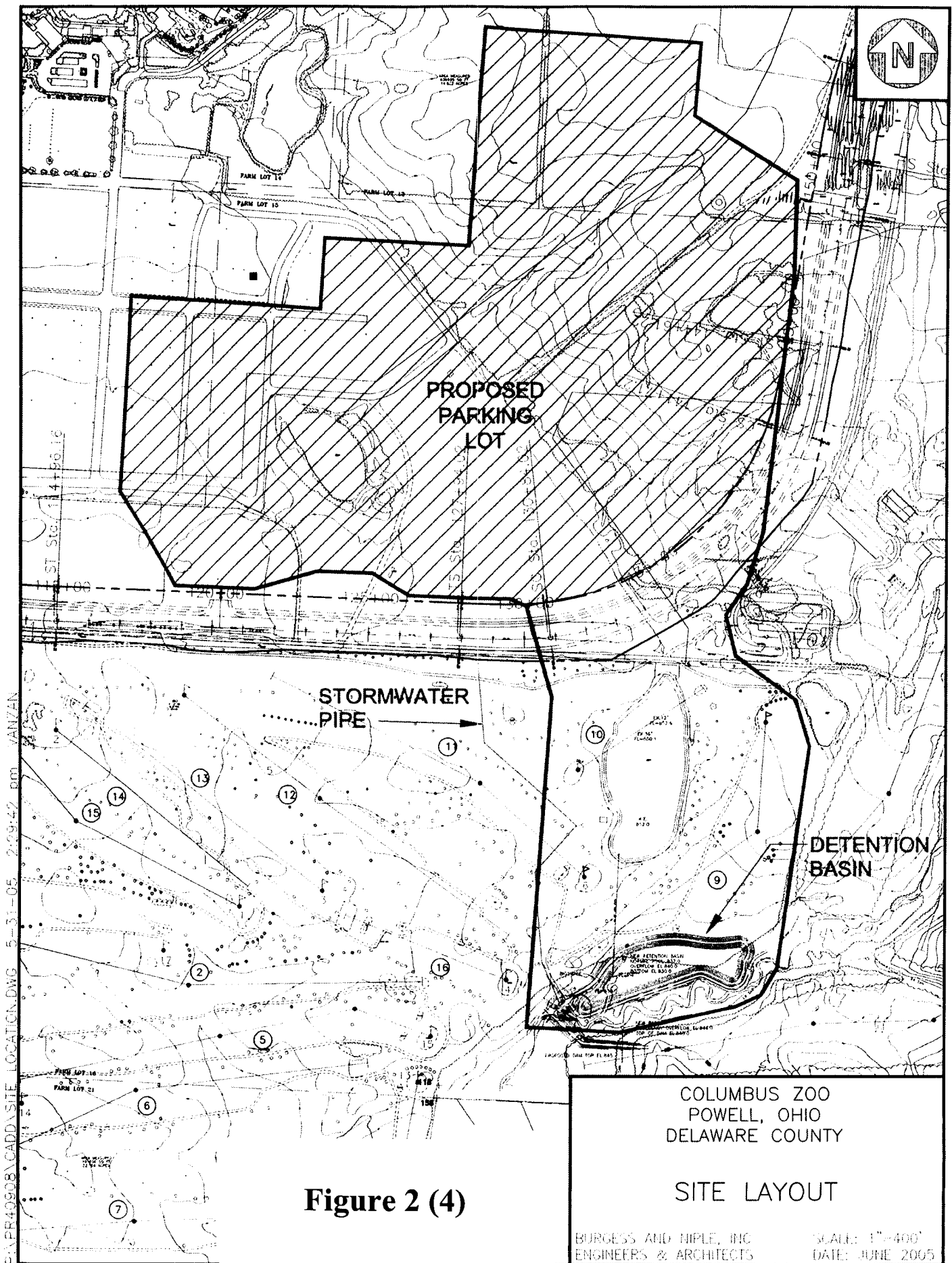


Ginger Mullins, Chief
Regulatory Branch

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Figure 1 (4)





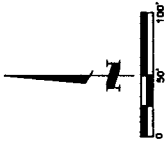
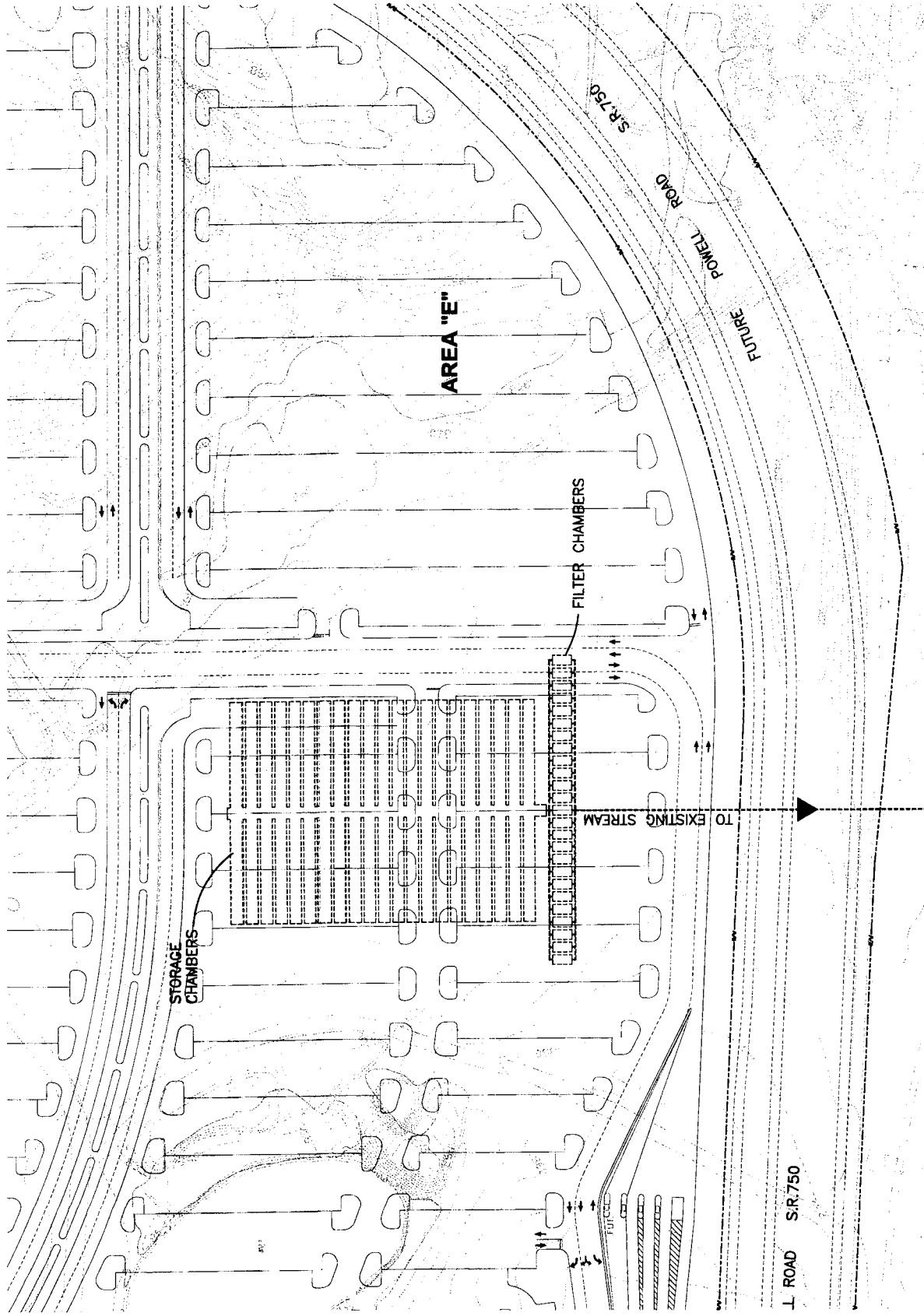
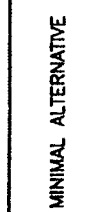


Figure 3 (4)



SHEET NO. 1 OF 1 SCALE: AS SHOWN	
UNDERGROUND STORAGE	
COLUMBUS ZOO AND AQUARIUM PARKING LOT IMPROVEMENTS	
BURNESS & NIPLE	
DATE: NOV. 24, 2004 DESIGNED BY: SPN CHECKED BY: DLR DRAWN BY: SPN DATE: NOV. 24, 2004	
BURNESS & NIPLE, Limited	

WEIGHT	AGE	SEX	1
			1

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SURGEON & NURSE

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